



INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

380 LED EXPLOSION PROOF LIGHTING FIXTURES

FOR USE IN HAZARDOUS LOCATIONS

Class I Div. 1, Groups C and D - Class I Div. 2, Groups A, B, C, and D

Class II Div. 1, Groups E, F, and G - Class II Div. 2, Groups F and G

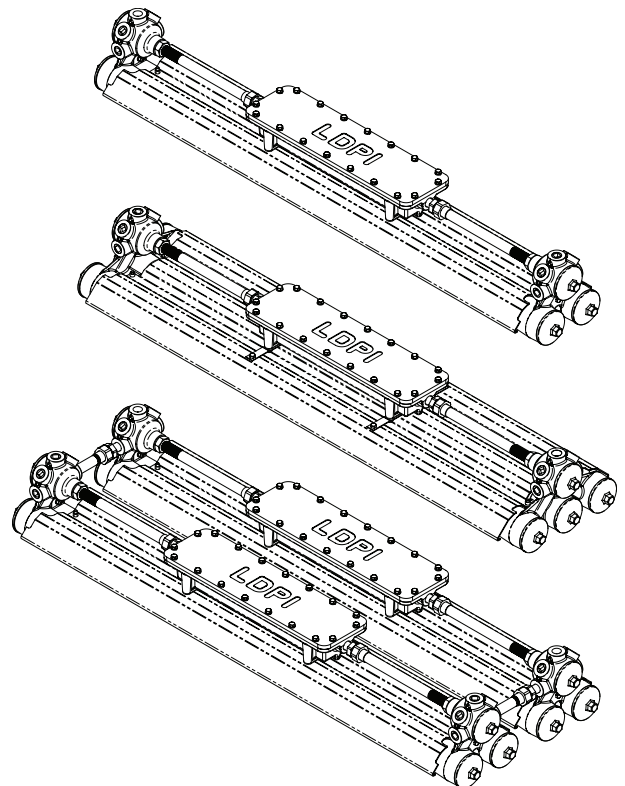
WARNING!

1. TO PREVENT THE RISK OF ELECTRICAL SHOCK DEACTIVATE/DISCONNECT THE POWER SUPPLY BEFORE INSTALLING OR RELAMPING FIXTURE.
2. TO REDUCE RISK OF FIRE OR EXPLOSION, DO NOT INSTALL WHERE THE MARKED OPERATING TEMPERATURE EXCEEDS THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE(S).
3. THIS FIXTURE SHOULD BE INSTALLED BY QUALIFIED TECHNICIANS IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ANY LOCAL REQUIREMENTS.

Warning: This luminaire is UL certified only for use with LED T8 Tube Lamps specified on the nameplate. Use Only LED T8 Tube Lamp listed on the product data label when replacing lamps. Use of any other lamp could cause a risk of fire.

INSTALLATION

1. Before installing, make sure that the circuit is deactivated.
2. This unit is furnished completely assembled. Before installing, check the fixture label to insure correct voltage and frequency.
3. The ballast in this fixture is designed to operate on grounded neutral systems only.
4. Typical Explosion-Proof Series fixture installations are shown on page 2.

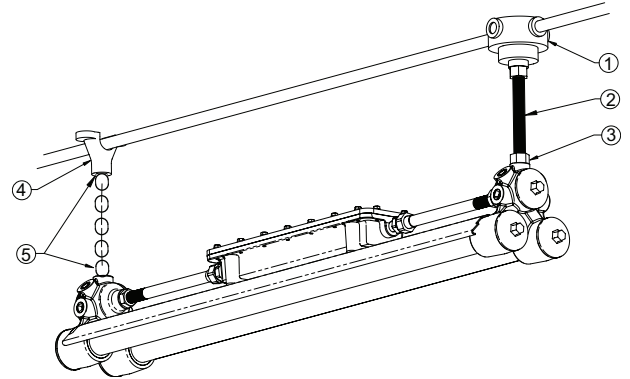


TYPICAL EXPLOSION-PROOF INSTALLATIONS

Dummy (non-powered) end lowers for relamping clearance which is required when fixtures are mounted in close proximity. Flexible mounting provides free swing and impact protection. User shall provide items 1-5. Items 1-3 should be UL Listed and suitable for the specific hazardous location for installation.

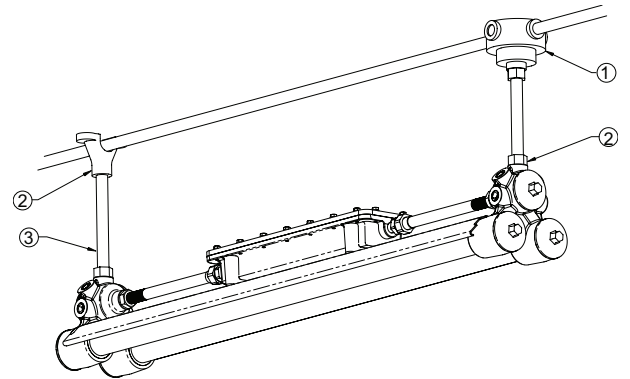
1. Splice Box/Fixture Hanger
2. Flexible Hanger / Connecting Fitting
3. Conduit Union
4. Rigid Support
5. Support Hook

NOTE: Leave extra links to support fixture in relamping positions.



Rigid mounted — for installations where relamping can be accomplished without lowering dummy end. Items 1-3 should be UL Listed and suitable for the specific hazardous location for installation.

1. Splice Box/Fixture Hanger
2. Conduit Union
3. Rigid Conduit/Pendant



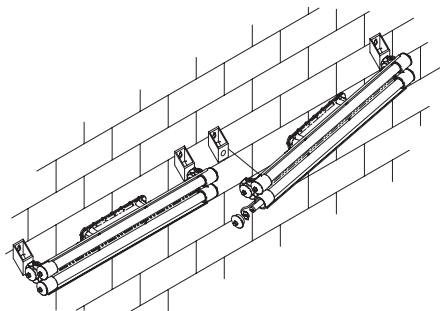
WALL/CEILING MOUNT KIT (2 and 3 LAMP)

Part Number: 4401

Includes 2 brackets

2 hex head pipe thread screws

1 safety cable and assorted screws.

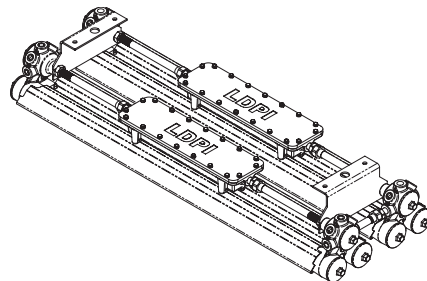


WALL/CEILING MOUNT KIT (4 LAMP)

Part Number: 4400

Includes 2 brackets

4 hex head jam nuts.



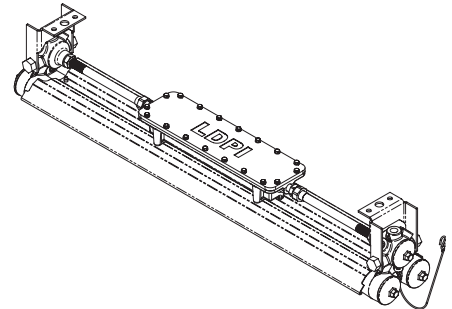
DROP MOUNT KIT

2 and 3 Lamp P/N: 4405 4 Lamp P/N: 4403

Includes 2 brackets

4 1/2 NPT bolts

1 safety cable and hook.

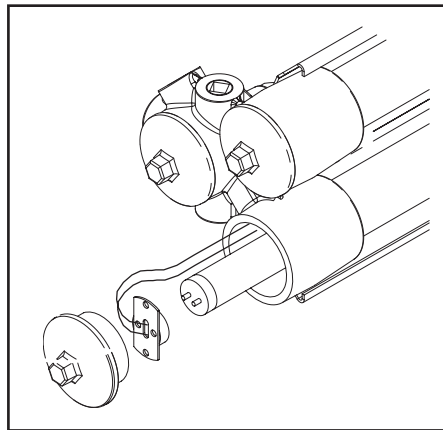


OPERATIONAL DATA

1. Operate this fixture at its rated voltage. See fixture label for data. Do not install where the marked operating temperature exceeds the ignition temperature of the hazardous atmospheres. See Temperature Code Plate on fixture

MAINTENANCE DATA

1. Although no routine maintenance is required to keep this fixture functional, it should be checked periodically to ensure that it is working properly, and to look for any external damage.
2. For optimum performance, keep light transmission parts of the fixture clean. Any commercial glass cleaner can be used to clean the glass tubes.
3. To Relamp: disconnect supply circuit. Remove the cover on either side of the fixture. Remove screws. Remove lampholder bracket. Withdraw old lamp. Remove rubber lamp washer from old lamp and slip it on end of new lamp. (Washer will aid in lining lamp up with lampholder). Insert new lamp in the opposite lampholder (Washer end first). Replace lampholder into position on the lamp. Tighten screws. Replace cover.

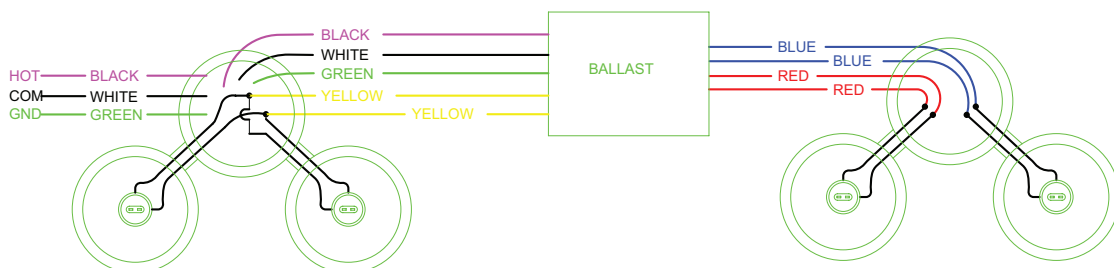


4. An optional Stainless Steel Wire Guard, Polycarbonate Shield or both can be installed on either fixture to protect PYREX glass tubes.

WIRE GUARD: 2 FT. P/N: 4466
 4 FT. P/N: 4211

POLYCARBONATE SHIELD: 2 FT. P/N: 4464
 4 FT. P/N: 4209

5. In the event of PYREX glass tube breakage, it will be necessary to replace the damaged unit with the factory sealed housing assembly, in order to maintain the integrity of the fixture. See the fixture parts list for ordering.
6. When replacing Ballast, it would be of Class-P, thermally-protected type.





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